

ECV 160-400

ADJUSTMENT DAMPER THAT MEASURES THE AIR VOLUME

General applications:

E.g. in extractions of laminar cabinets, suction tables and targeted extractions.

ECV 160-400 is current or voltage controlled adjustment damper. The ECV consists of an engine control damper and a speed sensor. ECV is meant to adjust air volume with the AVC 80 controller.



TECHNICAL INFORMATION

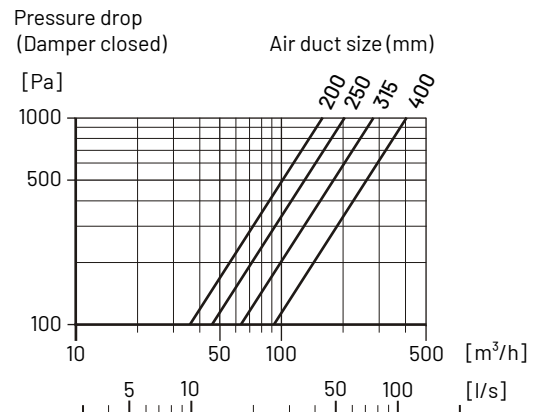
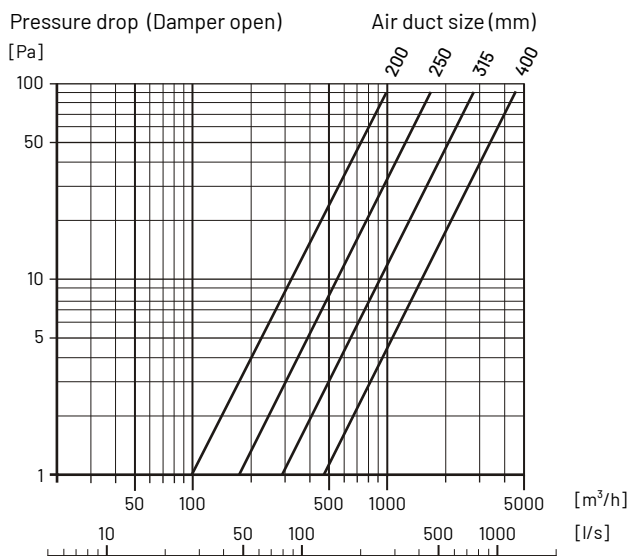
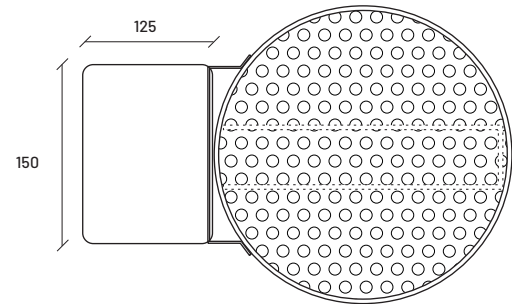
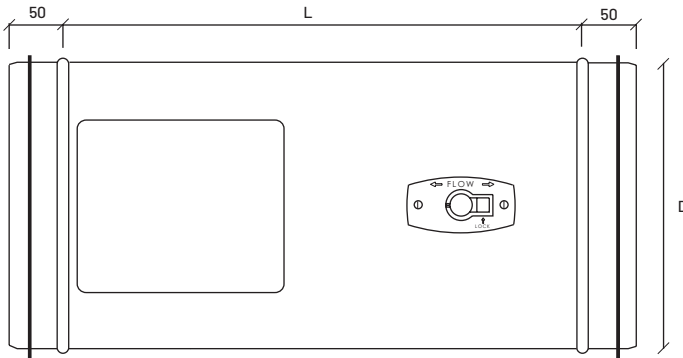
Operating voltage	24 VAC \pm 15%, 50-60 Hz
Power consumption	5 VA
Incoming message	4-20 mA or 0-10 VDC
Output message (flap position)	4-20mA
Output message (air flow)	4-20 mA (0-11 m/s)
Operating time	3 sec.
Duct dimensions	Diam. 160/200/250/315 and 400 mm
Material	Aluzink AZ 185
Encapsulation	Powder-coated steel, IP 40

DESCRIPTION OF FUNCTIONS

The ECV control damper consists of a motor, a damper and an air flow sensor. The control damper is used together with the regulator AVC 80.

DIMENSIONING [mm]

AVD 160	L=450	D=160
AVD 200	L=450	D=200
ACU 250	L=450	D=250
ACU 315	L=500	D=315
ACU 400	L=550	D=400



CIRCUIT DIAGRAM

